

STATUS OF THE CLAIMS

1 – 16 (canceled).

17 (currently amended). A method of producing a product of interest in a plant seed, comprising:

- a) providing a transgenic plant comprising a nucleic acid sequence encoding the product of interest operably linked to a promoter region, wherein the promoter region which is a seed-specific promoter region and is selected from the group consisting of SEQ ID NOS: ~~1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, and 12, as set forth in Figures 1-12~~ and variants thereof that are at least 80% identical to SEQ ID NOS: ~~1, 2, 3, 4, 5, 6, 7, 7, 9, 10, 11, and 12~~; and
- b) growing the plant under conditions such that the product is produced in a seed of the plant.

18 (currently amended). A method of producing a protein of interest in a plant seed, comprising:

- a) providing a transgenic plant comprising a nucleic acid sequence encoding the protein of interest operably linked to a promoter region, wherein the promoter region is a seed-specific promoter region and is selected from the group consisting of SEQ ID NOS: ~~1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, and 12, as set forth in Figures 1-12~~ and variants thereof that are at least 80% identical to SEQ ID NOS: ~~1, 2, 3, 4, 5, 6, 7, 7, 9, 10, 11, and 12~~; and
- b) growing the plant under conditions such that the protein is produced in a seed of the plant.

- 19 (currently amended). A method of expressing a nucleic acid sequence of interest in a plant seed, comprising:
- a) providing a transgenic plant comprising a nucleic acid sequence encoding the product of interest operably linked to a promoter region, wherein the promoter region is a seed-specific promoter and is selected from the group consisting of SEQ ID NOS: ~~1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, and 12~~, as set forth in ~~Figures 1-12~~ and variants thereof that are at least 80% identical to SEQ ID NOS: ~~1, 2, 3, 4, 5, 6, 7, 7, 9, 10, 11, and 12~~; and
 - b) growing the plant under conditions such that the nucleic acid sequence is expressed in a seed of the plant.
- 20 (currently amended). An isolated DNA molecule comprising a plant promoter region, wherein the promoter region is a seed-specific promoter and is selected from the group consisting of SEQ ID NOS: ~~1, 2, 3, 4, 10, and 12~~, as set forth in ~~Figures 1, 2, 3, 4, 10, and 12~~ and variants thereof that are at least 80% identical to SEQ ID NOS: ~~1, 2, 3, 4, 10, and 12~~.
- 21 (original). The DNA molecule of Claim 20, further comprising a heterologous gene operably linked to the plant promoter.
- 22 (original). The DNA molecule of Claim 21, further comprising a termination sequence.
- 23 (original). An expression vector, comprising the DNA molecule of Claim 21.

- 24 (original). A transgenic plant cell, comprising the DNA molecule of Claim 21.
- 25 (original). A transgenic plant, comprising the DNA molecule of Claim 21.
- 26 (original). A transgenic seed, comprising the DNA molecule of Claim 21.
- 27 (currently amended). An isolated DNA molecule comprising a plant promoter region, wherein the promoter region is a seed-specific promoter region and is selected from the group consisting of SEQ ID NOS: ~~1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, and 12~~ and variants thereof that are at least 80% identical to SEQ ID NOS: ~~1, 2, 3, 4, 5, 6, 7, 7, 9, 10, 11, and 12~~.
- 28 (currently amended). The DNA molecule of Claim 27, wherein said promoter region is at least 90% identical to SEQ ID NOS: ~~1, 2, 3, 4, 5, 6, 7, 7, 9, 10, 11, and 12~~.
- 29 (currently amended). The DNA molecule of Claim 27, wherein said promoter region is at least 95% identical to SEQ ID NOS: ~~1, 2, 3, 4, 5, 6, 7, 7, 9, 10, 11, and 12~~.
- 30 (previously presented). The DNA molecule of Claim 27, further comprising a heterologous gene operably linked to the promoter region.
- 31 (previously presented). The DNA molecule of Claim 30, further comprising a termination sequence.

- 32 (previously presented). An expression vector, comprising the DNA molecule of Claim 30.
- 33 (previously presented). A transgenic plant cell, comprising the DNA molecule of Claim 30.
- 34 (previously presented). A transgenic plant, comprising the DNA molecule of Claim 30.
- 35 (previously presented). A transgenic seed, comprising the DNA molecule of Claim 30.